AMENDMENTS TO THE CLAIMS

Claims 1-39 remain pending. There are no claim amendments or cancellations herein.

1. (Previously Presented) A method comprising:

aggregating at least a part of one or more mote-addressed content indexes from a first set of motes, wherein at least one mote in the first set of motes comprises a device formed in a substrate having at least two of a semi-autonomous computing functionality, a communication functionality, or a sensing functionality.

2. (Original) The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

receiving at least a part of one or more mote-addressed indexes of the first set of motes.

3. (Original) The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

creating one or more multi-mote content indexes of the first set of motes.

4. (Original) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes.

5. (Original) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from a multi-mote registry.

6. (Original) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a pre-loaded listing of motes appropriate to at least one of the one or more multi-mote content indexes.

7. (Previously Presented) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from one or more motes to be included in the listing.

8. (Original) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a reporting entity at a mote of the first set of motes.

9. (Original) The method of Claim 3, wherein said creating one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

10. (Original) The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

receiving at least a part of one or more multi-mote content indexes of the first set of motes.

11. (Original) The method of Claim 10, wherein said receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a multi-mote reporting entity at a mote of the first set of motes.

12. (Original) The method of Claim 10, wherein said receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

receiving at least a part of a mote-addressed routing/spatial index from a multi-mote reporting entity at a mote of the first set of motes.

13. (Original) The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes.

14. (Original) The method of Claim 13, wherein said creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

aggregating at least a part of at least one of a mote-addressed sensing index, a mote-addressed control index, or a mote-addressed routing/spatial index of a multi-mote content index.

15. (Original) The method of Claim 13, wherein said creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

aggregating at least a part of a mote-addressed routing/spatial index of a multi-mote content index.

16. (Previously Presented) The method of Claim 1, wherein said aggregating at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

migrating the aggregating to a first mote of the first set of motes;

installing a multi-mote index creation agent at the first mote; and

receiving at least a part of one or more mote-addressed content indexes of a second mote with the multi-mote index creation agent.

17. (Previously Presented) A system comprising:

an aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes, wherein at least one mote in the first set of motes comprises a device formed in a substrate having at least two of a semi-autonomous computing functionality, a communication functionality, or a sensing functionality.

18. (Previously Presented) The system of Claim 17, wherein said aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for receiving at least a part of one or more mote-addressed indexes of the first set of motes.

19. (Previously Presented) The system of Claim 17, wherein said aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for creating one or more multi-mote content indexes of the first set of motes.

20. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes.

21. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from a multi-mote registry.

22. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for obtaining a pre-loaded listing of motes appropriate to at least one of the one or more multi-mote content indexes.

23. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for obtaining a listing of motes appropriate to at least one of the one or more multi-mote content indexes from one or more motes to be included in the listing.

24. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a reporting entity at a mote of the first set of motes.

25. (Original) The system of Claim 19, wherein said means for creating one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

26. (Previously Presented) The system of Claim 17, wherein said aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for receiving at least a part of one or more multi-mote content indexes of the first set of motes.

27. (Original) The system of Claim 26, wherein said means for receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index from a multi-mote reporting entity at a mote of the first set of motes.

28. (Original) The system of Claim 26, wherein said means for receiving at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for receiving at least a part of a mote-addressed routing/spatial index from a reporting entity at a mote of the first set of motes.

29. (Previously Presented) The system of Claim 17, wherein said aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes.

30. (Original) The system of Claim 29, wherein said means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for aggregating at least a part of at least one of a mote-addressed sensing index, a mote-addressed control index, or a mote-addressed routing/spatial index of a multi-mote content index.

31. (Original) The system of Claim 29, wherein said means for creating an aggregate of at least a part of one or more multi-mote content indexes of the first set of motes further comprises:

means for aggregating at least a part of a mote-addressed routing/spatial index of a multi-mote content index.

32. (Previously Presented) The system of Claim 17, wherein said aggregating device to aggregate at least a part of one or more mote-addressed content indexes from a first set of motes further comprises:

means for migrating the aggregating to a first mote of the first set of motes;

means for installing a multi-mote index creation agent at the first mote; and

means for receiving at least a part of one or more mote-addressed content indexes of a second mote of the first set of motes with the multi-mote index creation unit.

33. (Previously Presented) A system comprising:

a mote comprising a device formed in a substrate having at least two of a semi-autonomous computing functionality, a communication functionality, or a sensing functionality; and

means for aggregating at least a part of one or more mote-addressed content indexes from a first set of motes, said means for aggregating with a reporting entity disposed proximate to said mote.

34. (Previously Presented) A system comprising:

at least one mote comprising a device formed in a substrate having at least two of a semi-autonomous computing functionality, a communication functionality, and a sensing functionality; and

at least one multi-mote index creation agent resident in said at least one mote, said at least one multi-mote index creation agent configured to index at least a part of at least one mote-addressed content index including an index of content of other motes.

35. (Previously Presented) The system of Claim 34, wherein said at least one mote-addressed content index including an index of content of other motes further comprises:

at least one of a sensing function, a control function, or routing/spatial information of the mote-appropriate device.

36. (Previously Presented) The system of Claim 34, wherein said at least one mote further comprises:

a processor configured to execute the at least one multi-mote index creation agent to obtain at least one of a sensing function, a control function, or routing/spatial information.

37. (Original) The system of Claim 34, wherein said at least one mote comprises:

at least one of a processor, a memory, or a communications device formed from a substrate.

38. (Previously Presented) A system comprising:

a first mote; and

at least one multi-mote registry resident in said first one mote, said at least one multi-mote registry having one or more indicators of a second mote's content to be indexed.

39. (Previously Presented) The system of Claim 38, wherein the one or more indicators of a second mote's content to be indexed comprise:

one or more mote-network addresses.